BRUHAT BANGALORE MAHANAGARA PALIKE

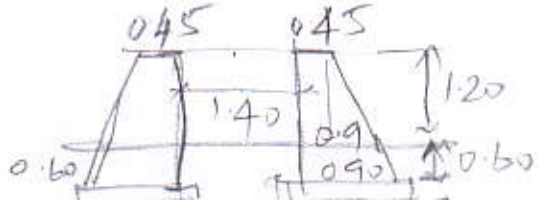
YELAHANKA ZONE

Estimate Cost Rs. 1500000.00

Name of Work: Detailed Estimate for the work of Providing RCC covering to Existing SWD at kamakshamma layout 1st main road near chinnappa house in ward No-02 of yelahanka Sub Division.

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
1	KSRB 2-2.1 : earth work excavation for foundation of buildings, culverts water supply, sanitary line and electrical conduits either in pits or in trenches 1.5m and above in width, in ordinary soil not exceeding 1.5m, in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50m, after breaking of clods complete as per specifications, specification, No, KBS 2.1(a) / 2.3.5, No. 5/ Item No. 2.3/ PWD SR 2013-14	cum							
	for desilting		1	170.00	2.80	0.20	95.20		
	for ssm wall		2	15.00	1.30	1.00	39.00		
							134.20	151.74	20364.00
	Basic Rate	140.50							
	Area Weightage @ 8%	11.24							
	Total	151.74							
2	KSRB 100-1 Loading and unloading ofstone aggregates / sand/ kanker/ Moorum /soil KSRRB M100-1 Placing tipper at loading with front end loader dumpting turning for return trip excluding time for haulged and return trip complete as per specification item No 17.1 page 141 and KSRB M.100.4.1 costof haulage excluding loading and unloading MORTH to a distance of 4.00 K.M (Item No 17.4 Page 141 (SR 2013-14)	cum							
			Vide Item No. 2				134.20	78.24	10499.00
	Basic Rate for loading and unloading	62.20							
	Basic Rate for Haulage upto 4.00 k.m =1.28 X 2 X 4	10.24							
		72.44							
	Area Weightage @ 8%	5.80							
	Total	78.24							

	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
	KSRB-4-1.3 : Providing and laying in position plain cement concrete of mix M7.5 withOPC cement at 180kgs, with 40mm and down size graded granite , metal coarse aggregates @0.892cum and fine aggregates @0.57cum machine mixed, concrete laid in layers not exceeding 15cms, thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1,4.2, No. 12/ Item No. 4.3/ PWD SR 2013-14	Cum							
	SSM wall		2	15.00	1.30	0.15	5.85		
	vent		1	100.00	2.80	0.10	28.00		
							33.85	4290.84	145245.00
	Basic Rate	3973.00							
	Area Weightage @ 8%	317.84							
	Total	4290.84							
4	KSRB 5.2-2 Providing and constructing granite / trap / basalt rubble stone masonry in foundation with mud mortar 1:8, stone hammerd dressed in courses not less than 20 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications KBS 5.1.13 Page No. 25/ Item No. 5.5/ PWD SR 2013-14	Cum							
	1.00+0.45/2=0.725		2	15.000	0.725	2.00	43.50		
							43.50	3549.96	154423.00
	Basic Rate	3287.00							
	Area Weightage @ 8%	262.96							
	Total	3549.96							
5	KSRB- 4-1.5 : Providing and laying in position plain cement concrete of nominal mix 1:2:4 using 20mm and down size graded granite metal, machine mixed, concrete laid in layers not exceeding 15cms, thick, well compacted, in foundation, plinth and cills, including cost of all materials, labour, HOM of machinery, curing complete as per specifications, specification No. KBS 4.1.4.2, No.12/ Item No. 4.6/ PWD SR 2013-14	Cum							
	coping		2	15.00	0.45	0.10	1.35		
			1	128.00	2.80	0.10	35.84		
							37.19	4779.00	177731.00
	Basic Rate	4425.00							
	Area Weightage @ 8%	354.00							



Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
	Total	4779.00							
	KSRB 15.1.1 Providing flush pointing to square rubble, course or uncoursed stone masonry with cement mortar 1:3, 20 mm deep, after raking joints to depth of 20mm nicely lining, including cost of materials, labour, curing complete as per specifications. Page No. 122/ Item No. 15.1 SR 2013-14	sqm							
			2	15.00		1.40	42.00		
							42.00	79.92	3357.00
	Basic Rate	74.00							
	Area Weightage @ 8%	5.92							
	Total	79.92							
7	KSRB 4.2.2 Providing and laying in position plain cement concrete of mix M20 withOPC cement @ 320kgs, with 20mm and down size graded granite metal coarse aggregates @0.878cum and fine aggregates @0.459cum with superplastesisre @ 3lts conforming to IS9103-1999Reffirmed machine mixed exceeding 15cms thick, vibrated for all works in foundation plinth and ground floor level for roof slabs, staircase, lintels, retaining walls, return walls, walls(any thickness) including attached plasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window cills, fillets etc, including cost of all materials, labour HOM of machinery, curing, complete as per specifications. Specification No KBS 4.1,4.6, No KBS 4.1.4.6, No 13/ Item No. 4.11/ PWD SR 2013-14	Cum							
	for RCC covering		1	170.00	2.80	0.15	71.40		
							71.40	5639.76	402679.00
	Basic Rate	5222.00							
	Area Weightage @ 8%	417.76							
	Total	5639.76							

	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
	KSRB 4.9.2 providing T.M.T steel reinforcement for R C C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost pf materials, labour, HOM of machinery complete as per specifications Specification No. KBS 4.6.3 Page No. 19/ Item No. 4.46/ PWD SR 2013-14	Quintal					0.00		
	for Culvert 90 kg/cum		0.900	71.40			64.26		
				71.40			64.26	7380.72	474285.00
	Basic Rate	6834.00							
	Area Weightage @ 8%	546.72							
	Total	7380.72							
9	KSRB 4-6.4 Providing and removing centering, shuttering, strutting propping etc., and removal of form work for vertical surface such as walls at any thickness, attached pilasters,bittresses,buttresses plinth and string course including cost of all materials, labour complete as per specifications. Specification NO KBS 4.6.2 Page No. 17/ Item No. 4.31/ PWD SR 2013-14	sqm							
			1	170.00	2.00		340.00		
							340.00	271.08	92167.00
	Basic Rate	251.00							
	Area Weightage @ 8%	20.08							
	Total	271.08							
10	1% of Quality control charges								15000.00
11	Miscellaneous charges								4250.00
								Total	1500000.00

(Rupees Fifteen Lakhs Only)

CERTIFICATE

1 The work spot has been inspected and the work is found necessary.
2 This estimate is prepared as per C.S.R. of 2013-14.
3 The provisions were made in this estimate are necessary and adequate.
4 This works come under B.B.M.P. limits.

Assistant Engineer

Assistant Executive Engineer
Yelahanka Sub Division
Bangalore-64

Executive Engineer
Yelahanka Division
Bangalore-64